

HEADQUARTERS MISSISSIPPI WING
CIVIL AIR PATROL
1635 AIRPORT DRIVE
JACKSON, MS. 39209

5 January 2004

COMMUNICATIONS

COMMUNICATIONS OPERATIONS AND TRAINING PLAN

REF; CAPR 100-1, Volume 1

1. SCOPE: This plan encompasses all radio communications and communications assets for all units. All wing and squadron facilities are to be used daily for operations and training.
2. NETWORK ORGANIZATION: The CAP radio network in Mississippi will be maintained as follows:
 - a. Wing net (HF SSB)
 1. Wing net control stations
 2. Wing headquarters station
 3. Wing alternate net control stations
 4. Squadron stations
 - b. Squadron and local area nets (VHF-FM)
 1. Squadron net control stations (with HF tie-ins)
 2. Other squadron stations (including cadet stations)
3. NETWORK FUNCTIONS: Daily nets will provide continued operational and training capability through use of all communications facilities in the wing. Cadet participation in all the nets is highly encouraged.

Nets will support wing and squadron operational activities and will be used to improve the wing's ability to accomplish its mission. Capabilities will be developed to utilize all assigned frequencies. Training will be conducted in all modes of communications.
4. REQUIREMENTS: Each squadron will prepare and publish an operations and training plan. This plan will support the wing plan and be designed to implement the total communications mission of the wing. Two copies of the unit plan and/or any changes will be forwarded to wing headquarters/DC
5. NET CONTROL STATION CAPABILITIES: Net control and alternate net control stations will develop and maintain operational capability on all wing-authorized frequencies using authorized emissions. Auxiliary power capability is required and frequency monitoring capability highly desired. Monitoring stations will be selected from designated net control stations and others with the highest technical competence.
6. FREQUENCY UTILIZATION & PRIORITIES: Frequency management and maximum use of the frequencies available are essential. The 4 MHz SSB frequencies are shared with other wings and the region, and are subject to heavy attenuation during daylight hours. The VHF-FM frequencies are highly desirable for most CAP communications. Repeaters and radio relay stations should be used when needed.

Mission and other emergency traffic will have priority. All communicators are urged to be careful and avoid interference with such traffic. Maximum use of all non-scheduled time (free time) is encouraged on all frequencies. Normal courtesies apply. In the case of lengthy traffic, take a break so others may use the frequency.

7. FREQUENCIES AND EMISSIONS AUTHORIZED:

Due to OPSEC requirements, CAP frequencies will not be listed in this plan, but available thru the unit and wing communications officers.

The CAP frequencies will not be given to anyone outside the CAP unless approved by the Wing commander. .

The inter-region and emergency frequencies are authorized for use by any CAP station.

The priorities for use of these frequencies are as follows:

1st. priority – All SAR and emergency missions will use this as first choice.

2nd priority – Inter-region traffic - no restrictions but must be CAP traffic. Check for other traffic on freq.

No scheduled nets will be assigned to the 4 MHz emergency net. Using this frequency for SAR use will free up the other 4 MHz frequencies for nets and routine traffic. The SER alternate frequency can also be used for overflow mission traffic.

The Great Lakes primary frequency will be used during exercises and emergencies concerning the central United States.

The SWR alternate frequency is also the primary frequency for the Gulf Coast Hurricane & Disaster Net, which includes all of SWR and SER.

FM provides an excellent short to medium range capability, especially using airborne aircraft. Using area repeaters will provide dependable communications for squadrons and medium sized land areas, depending on terrain.

8. NET SCHEDULES: All net schedules will be based on Greenwich Mean Time (GMT) or(ZULU). Care should be taken to coordinate net times with the correct day of the week when preparing net schedules in local standard and daylight saving time.
9. AUXILIARY POWER: All land stations should have an auxiliary power capability. A 30 minute net period on the first Wednesday of each month will be conducted using emergency power. Station logs should be so noted.
10. COMMUNICATIONS TRAINING: All unit communications officers will set up and maintain a communications training program. This will enable senior and cadet members to become more proficient in participation of the CAP mission.

11. CADETS: Cadet participation in communications is highly desirable and encouraged. Cadets can and do provide the wing with a much-needed source of experienced and qualified radio operators. Cadets are encouraged to use the nearest CAP HF and/or VHF station to them.
12. COMMAND: This plan supercedes all previous Communications Operations & Training Plans issued by the Mississippi Wing, and is effective 10 January 2004.

FOR THE COMMANDER

<Signed>

ROBERT E. KILROY
LTC CAP
DIRECTOR OF COMMUNICATIONS